DISCHARGES INTO,OR WITHIN ONE LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS,ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT

The following is a summary of project outfalls within 1 mile and within the watershed of an identified impaired Stream Segment that has been listed for criteria violated."Bio F" (impaired Fish Community) and/or "Bio M" (impaired Macro Invertebrate Community),within Category 4a, 4b or 5,and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff).

Outfall Location(s)	Basin Name	Reach Name	Location of the impaired stream segment as indicated in the 305b/303d list	Criteria Violated (Bio F or Bio M)	Potential Cause (Np or UR)	Category (4a, 4b or 5)	Numeric waste load allocation for sediment*
STA 35+50 / 130' RT	Oconee	Big Sandy Creek	Little Sandy Creek (near Madison) to Hard Labor Creek	FC	NP	4a	-

e. Use anionic polyacrylamide (PAM) and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days in accordance with Part III.D.1.of the NPDES Permit GAR 100003.

f. Conduct turbidity and Total Suspended Solids (TSS) sampling after every rain event of 0.5 inch or greater within every 24 hour period,recognizing the exceptions specified in Part IV.D.6.d.of the NPDES Permit GAR 100003.

m. Apply the appropriate Georgia Department of Transportation approved erosion control matting or blankets or bonded fiber matrix to all slopes steeper than 3:1.

n. Use appropriate erosion control matting or blankets instead of concrete in construction storm water ditches and storm drainages designed for a 25 year,24 hour rainfall event.

* If the TMDL Implementation Plan establishes a specific numeric waste load allocation that applies to the project discharge(s) to the Impaired Stream Segment,then the Certified Design Professional must incorporate that allocation into the Erosion,Sedimentation and Pollution Control Plan and implement all necessary measures to meet that allocation.

ESPCP GENERAL NOTES:

Representative sampling may be utilized on this project. The characteristics of the individual watersheds along the project corridor have been carefully evaluated and compared on the basis of drainage characteristics,watershed size,land disturbance and earth work. After evaluation of these items as presented in the projects drainage area maps,hydrology and hydraulic studies,construction plans and erosion sedimentation and pollution control plans,it has been determined that the increase in turbidity at the specified locations will be representative of the increase in turbidity for all waters leaving the site. Approved primary and alternate representative monitoring sites are identified in the table:

Monitoring site	Primary or Alternate Site	Location (Sta. and Side)	Name of Receiving water	Applicable construction stage for monitoring	Sampling Type (Outfall or Receiving Water)	Drainage Area	Disturbed Area	Warm or Cold water Stream	Appendix B NTU value (outfall Monitoring Only)	Allowable NTU Increase (For Receiving Water)	Location Description
1.	P	STA 35+00 /100' LT	LITTLE SANDY CREEK	ALL STAGES	RECEIVING	5.48 SQ MI	2.8 AC	WARM		25	LITTLE SANDY CREEK
2.	P	STA 35+50 /130' RT	LITTLE SANDY CREEK	ALL STAGES	RECEIVING	5.48 SQ MI	2.8 AC	WARM		25	LITTLE SANDY CREEK

The primary site specified should be used as the initial sampling location.

MONITORING SAMPLING METHODS & PROCEDURES

See Special Provision 167 and other contract documents for Monitoring Sampling Methods and Procedures.

READY MIX CHUTE WASH-DOWN

The washing of ready-mix concrete drums and dump truck bodies used in the delivery of portland cement concrete is prohibited on this site. In accordance with standard Specification 107 - Legal Regulations and Responsibility to the Public,only the discharge "chute" utilized in portland cement concrete delivery may be rinsed free of fresh concrete remains. The Contractor shall excavate a pit outside of State water buffers,at least 25 feet from any storm drain and outside of the travel way,including shoulders,for a wash/pit area. The pit shall be large enough to store all wash-down water without overtopping the pit. Immediately After the wash-down operations are completed and after the wash-down water has soaked into the ground,the pit shall be filled in,and the ground above shall be graded to match the elevation of the surrounding areas smoothed out. Alternate wash down plans must be approved by the Project Engineer.

Wash-down plans describe procedures that prevent wash down water from entering streams and rivers. Never dispose of wash-down water down a storm drain. Establish a wash-down water pit location that includes the following:(1) the pit is located away from a storm drain,stream or river, (2) the pit is accessible to the vehicle being used for wash-down,(3) the pit has enough volume for wash-down water,and (4) make sure you have permission to use the area for wash-down. On some sites,you may not have permission or access to a location which allows for a wash-down pit. In those cases,the Contractor may have to wash-down into a wheelbarrow or other container and carry the container for transport to a proper disposal site. For additional information,refer to the Georgia Small Business Environmental Assistance Program's "A Guide for Ready Mix Chute/Hopper Wash-down".

RETENTION OF RECORDS

1. The primary permittee shall retain the following records at the construction site or the records shall be readily available at a designated alternate location from commencement of construction until such time as a NOT is submitted:
   a. A copy of all Notices of Intent submitted to EPD;
   b. A copy of the Erosion,Sedimentation and Pollution Control Plan;
   c. The design professional's report of the results of the inspection conducted in accordane with Part IV.A.5.of permit GARI00002;
   d. A copy of all monitoring information,results,and reports required by the permit;
   e. A copy of all inspection reports generated in accordance with Part IV.D.4.a.of the permit;
   f. A copy of all violation summaries and violation summary reports generated in accordance with Part III.D.2.of the permit; and
   g. Daily rainfall information collected in accordance with Part IV.D.4.a.(1)(c) of the permit.
2. Copies of all Notices of Intent,Notices of Termination,reports,plans,monitoring reports,monitoring information,including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation,Erosion,Sedimentation and Pollution Control Plans,records of all data used to complete the Notice of Intent to be covered by the permit and all other records required by this permit shall be retained by the permittee who either produced or used it for a period of at least three years from the date that the the NOT is submitted in accordance with Part VI of this permit.These records must be maintained at the permittee's primary place of business or at a designated alternative location once the construction activity has ceased at the permitted site.This period may be extended by request of the EPD at any time upon written notification to the permittee.

SOIL SERIES INFORMATION

A project specific soil survey and geotechnical investigation was performed for this project and can be made available upon request. Soil characteristics have been given full consideration in the hydrologic analysis,the design of channels and linings,selection of temporary BMP's,design of energy dissipaters,and the in the selection of permanent vegetation and fertilizers

The following is a summary of the soils that are expected to be found on the project site:

Map Unit Symbol	Map Unit Name	Rating	Component name (percent)	Rating reasons (rating values)
AeC	Alley loamy sand,5 to 8 percent slopes	Moderate	Alley (100%)	Slope / erodibility (0.50)
BnB	Bonifay sand,0 to 8 percent slopes	Slight	Bonifay (100%)	
KB	Kinston-Bibb association, frequently flooded	Slight	Kinston (55%)	
			Bibb (45%)	
NkC2	Nankin sandy loam,5 to 8 percent slopes,eroded	Moderate	Nankin (100%)	Slope / erodibility (0.50)

Due to the size and scope of this project and the nature of soil series maps,it is not reasonably possible to identify the precise locations of the above reference soils on the plans.The NRCS soil survey and soil series maps for the project area are also available online at http://websoilsurvey.nrcs.usda.gov/.

3/1/2007 GPLN

GEORGIA
DEPARTMENT OF TRANSPORTATION

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: DISTRICT 2 TENNILLE

ESPCP GENERAL NOTES

SR 83/BOSTWICK HWY OVER LITTLE SANDY CREEK
PROJECT BRSTO-2938-00 (004)
COUNTY MORGAN

DRAWING NO. 51-03